

MINING ENGINEERING

January-December 1949

Omaha Public Library
Reference Dept.

Index to Volume 1

A	Page
Accidents, coal mines at new low.....	**D 189
Advanced degrees, need for in mining.....	E Feb. 17
Aldridge, Walter H., John Fritz Medalist, 1949.....	**Oct. 53, **Dec. 54
Alloy steels, in chura bits at Morenci.....	*July 30
Aluminum Co. of America buys Massena plant.....	E Jan. 14
Aluminum, last war plant sold.....	E Jan. 14
therapy, silicosis treatment.....	*May 30
American Geological Institute formed.....	E Jan. 14
AIME-ASME Fuels Conference, program.....	Oct. 51
AIME-ASME joint meeting plans.....	**Oct. 53
American Institute of Mining and Metallurgical Engineers	
Affiliated Student Societies	
California, Univ. of.....	**142
City College of New York.....	**171
Colorado School of Mines.....	**22, 172
Illinois Inst. of Technology.....	**171
Lafayette College.....	**55, 203
Lehigh Univ.....	**240
Louisiana State Univ.....	**185, 205
Michigan College of Mining and Technology.....	**142
Missouri School of Mines.....	**22, 142, 172
Nevada, Univ. of.....	**22, 171, 240
New Hampshire, Univ. of.....	**142, 85, 240
Ohio State Univ.....	**22
Oklahoma A&M Coll.....	**142
Oregon State College.....	**171
Univ. of Pittsburgh.....	**93
South Dakota School of Mines & Technology.....	**142, 172
Southern California, Univ. of.....	**142, 185
Texas College of Mines.....	**142
Wisconsin, Univ. of.....	**185
Yale Univ.....	**22, 185, 205
Joint Fuels Conference.....	Dec. 44
Annual Meeting:	
banquet souvenirs available.....	**185
biggest technical program marks.....	**107
effect of research on education discussed.....	**163
geophysics, Annual Meeting Discussion.....	Apr. 36
Mineral Economics Committee, report.....	**163
Mining Geology Committee, annual meeting report.....	**34
1950, to be held in St. Louis.....	**202
preliminary announcement.....	Dec. 53

	Page
1949, plans.....	**115
papers scheduled by Mining Branch, Jan. program, 1949.....	33
reports.....	**104
San Francisco, plans.....	E Jan. 13
students question industry on prospects.....	**104
at.....	**104
technical program.....	**187
value of attending.....	**1
Woman's Auxiliary, at.....	**106
Annual Review, 1948.....	**49
Awards, 1950.....	**Dec. 54
Board of Directors meetings.....	**33, 187, 170,
182, 201, 235, 253, Sept. 53	53
business meeting, 1950, announcement.....	**Dec. 51
Bylaws, amendment to increase dues.....	**234
Coal Division, annual meeting plans.....	**18
report.....	Apr. 35
officers and committees.....	June 33
Committeemen, naming of.....	D **Sept. 54
Deficit to decrease in 1949.....	**202
Directory, AIME, 1949	
Officers and Directors.....	**222
Standing Committees.....	**223
Local Section Officers and Committees.....	**237
Affiliated Student Society Officers.....	**230
Divisionalization of Institute Accomplished.....	**Oct. 50
Division nominations for 1950.....	**236
Dues, membership, billing of.....	D **Oct. 54
payable Jan. 1, 1950.....	**Dec. 51
proposed increase.....	May 13
proposed increase in.....	**151
Engineering Foundation research grants continue.....	**203
Extractive Metallurgy Division, Annual Meeting report.....	Apr. 37
officers and committees.....	June 35
Full Regional Meeting Plans.....	**Oct. 53
Fuels Conference, AIME-ASME.....	Dec. 44
Geophysics Committee, Annual Meeting report.....	Apr. 36
Institute Journals, first six months of.....	**237
Institute of Metals Division, annual meeting plans.....	**17
report.....	Apr. 32
Industrial Minerals Division, officers and committees.....	June 38
Tampa meeting, Nov. 8 program.....	Oct. 52
report of.....	Dec. 45

	Page
Iron & Steel Division, May dinner.....	**184
Los Angeles fall meeting.....	Dec. 40
Manager of Publications.....	D **Sept. 54
Mid-Year meeting, plans.....	**Sept. 50-72, 235-254
set for September.....	**203
Minerals Beneficiation Division, Annual meeting report.....	Apr. 39
officers and committees.....	June 38
Mineral Industry Education Division, annual meeting plans.....	**17
report.....	**168
Mineral Economics Division, annual meeting report.....	**162
established.....	**23
Mining Division established.....	**Nov. 49
Mining Geology Committee, Annual Meeting report.....	Apr. 34
Mining sessions, Annual Meeting reports.....	Apr. 26
National and Divisional meetings.....	**Oct. 50
Nominating Committee, 1951.....	**Dec. 56
Instructions to.....	**Dec. 56
Nominees for Institute officers, 1950.....	**235
Petroleum Division, annual meeting plans.....	**17
Pittsburgh, Oct. 28, LS meeting.....	Oct. 51
President's Itinerary.....	**Oct. 56
Progress report, AIME volume.....	**202
Publications, value of.....	**D 36
conditions of availability.....	**Dec. 57
Referendum on increased dues.....	**237
Secretary of AIME goes afield.....	**Oct. 50
S. California Section, Oct. 21 meeting.....	Oct. 51
Student Associate dues.....	E Feb. 18
Woman's Auxiliary, electing husbands.....	**185
loan fund successful.....	**167
Mid-Year meeting plans.....	**239
Worst financial year for AIME.....	**E 137
AMO Coal show, Cleveland, report.....	June 34
Western Division meeting.....	Dec. 41
American Smelting & Refining Co., golden anniversary.....	**D 180
Annual business reports, value of.....	**D 12
Anthracoilicosis, treatment for.....	Dec. 29
Arkansas Bonanza.....	**D 55
Atlantic Port.....	**D 138
Atomic Energy Commission, raw materials.....	**D 13
Atomic Minerals, Annual Meeting discussion.....	Apr. 34

Key to abbreviations: **before a page number indicates Section 2; *before a page number, lead article; E, Editorial; D, Drift of Things; L, Letters to the Editor; R, Annual Review. Pagination on Section 2 was continuous from January through August: Jan. 1-32, Feb. 33-48, Mar. 49-154, Apr. 157-160, May 181-200, June 201-232, July 233-248, Aug. 249-264. From September through December no page distinction was made between Sections 1 and 2, Section 2 following Section 1 with no change in pagination.

YUIM

National Mine Service Co., new headquarters	Aug. 41
automatic line—Gardner-Deuvar	June 44
beneficiation equipment—Allis-Chalmers	June 45
phenol capacity increased—Dew Chemical	Apr. 40
PORTITE—Hopper Products	Apr. 44
pumps: boiler feed—Worthington	Apr. 40
centrifugal—Allis-Chalmers	Dec. 23
centrifugal—Willy	June 45
Hydroval—Allen-Sheridan-Hot	June 45
rotary, GAMI—Worthington	June 42
ROCKMASTER blasting system—Atlas Powder	Dec. 24
rotary positive blowers—Banta-Commeraville	June 44
Ryan Memorial Laboratory	Apr. 45
safety, ashsheld, SKULLGUARD—Mine Safety Appliances	Dec. 23
safety hat—Bullard	Dec. 23
safety, mobile station—Mine Safety Appliances	July 37
scale, belt conveyor—Slistering Machinery	July 37
selection chart—Worthington	May 43
shakers, heavy duty—Goodman	Mar. 29
shovel, Diesel electric, "Magnetron"—Harnischfeger	July 37
shovel loaders—Joy	June 45
shovels—Lorain	Mar. 29
—Marion	Feb. 47
"SNIFFER," Geiger counter—Radiac	Aug. 41
speed regulator—Ingersoll-Rand	Dec. 23
survey instruments—El-Tronics	June 45
surveying altimeters—American Paulina	June 45
tractors—Caterpillar	Mar. 29
trucks: Baker clamp—Baker-Rauling	May 43
rear-dump—Euclid	Oct. 26, Dec. 24
side-dump—Euclid	Jan. 45
turbine pumps—Layne & Bowler	June 44
V-belt, VEE FLY—Worthington	Apr. 41
ventilation, Spiratube-M—Flexible Tubing	Jan. 45
wire, electrical, Laytex—U. S. Rubber	Mar. 29
wire rope—Dickwire Spencer	June 44
McLaughlin, D. H., nominated AIME President for 1950	Feb. 47
McLaughlin, D. H., biography	Feb. 47
Meagher, E. C., biography	Feb. 47
Mechanization, Annual Meeting discussion	Apr. 29
at Northwest Magnesite Co.	Apr. 29
cool, 2 new machines	Apr. 29
on Minnesota Range	Apr. 29
Metallurgists, where to split them	Apr. 29
Metal mine, definition of	Apr. 29
Mica, Canadian deposit undeveloped	Apr. 29
Millikan, C. V., biography	Apr. 29
Minerals, critical, plan for	Apr. 29
mineralogical exploration	Apr. 29
resourcefulness key to supply	Apr. 29
scientific vs. legal	Apr. 29
strategic, increased number	Apr. 29
Mineral, development through area	Apr. 29
diamond-drilling blasthole stoping evaluated	Apr. 29
geophysical exploration in	Apr. 29
in Colorado	Apr. 29
Japan's position in	Apr. 29
timber treatment cuts costs	Apr. 29
trackless, for pitching coal seam	Apr. 29
Mining Engineering, first issue	Apr. 29
guide through pages of	Apr. 29
Missing man, mystery of	Apr. 29
More for your money	Apr. 29
Mudd volumes for Junior Members	Apr. 29
Myers, J. F., biography	Apr. 29
N	
Netherlands East Indies resumes tin mining	Apr. 29
New Park Mining Co., mining is fun at	Apr. 29
Nitrate, low-grade, leaching of	Apr. 29
Nonmetallists, Annual Meeting discussion	Apr. 29
California big producers	Apr. 29
O	
Obituaries	Apr. 29
Adams, Army	Apr. 29
Armstrong, Paul	Apr. 29
Arnold, Charles E. Le N.	Apr. 29
Bachman, Elwood	Apr. 29
Ball, Sydney H.	Apr. 29
Baueria, William A.	Apr. 29
Barrett, LeGrande D.	Apr. 29
Bedford, Robert H.	Apr. 29
Bell, William	Apr. 29
Berger, W. F. R.	Apr. 29
Bishop, W. A.	Apr. 29
Boase, Arthur J.	Apr. 29
Bothwell, T. C.	Apr. 29
Boyd, Adam Alexander	Apr. 29
Bradley, Philo Read	Apr. 29
Bruce, Charles A.	Apr. 29
Bugbee, Edward E.	Apr. 29
Bruff, Charles H.	Apr. 29
Butler, B. Clyde	Apr. 29
Butler, Lucius A.	Apr. 29

Campbell, Forest L.	Apr. 29
Carhart, Mark G.	Apr. 29
Coe, John Allen	Apr. 29
Coivorecenas, George M.	Apr. 29
Comstock, John R.	Apr. 29
Cook, Cassius J.	Apr. 29
Cottrill, Frederick Girdard	Apr. 29
Corbould, William H.	Apr. 29
Crittenden, Ear T.	Apr. 29
Davenport, Harry	Apr. 29
Denton, Herschel E.	Apr. 29
Dodge, George B.	Apr. 29
Douglas, James B.	Apr. 29
Drake, Cecil	Apr. 29
Duschk, Lionel H.	Apr. 29
Emmons, William Harvey	Apr. 29
Enzian, Charles	Apr. 29
Evans, Charles T.	Apr. 29
Flori, William J.	Apr. 29
Fewler, Charles Ward, Jr.	Apr. 29
Gathmann, Emil	Apr. 29
Gibbons, Chester H.	Apr. 29
Greer, Herbert C.	Apr. 29
Grier, Charles Denham	Apr. 29
Gulick, Horace S.	Apr. 29
Hall, Edwin R.	Apr. 29
Handley, Robert W.	Apr. 29
Harris, Virgil O.	Apr. 29
Henry, Joseph S.	Apr. 29
Holdsworth, Philip H.	Apr. 29
Horwood, N. Clarence	Apr. 29
Huber, Louis W.	Apr. 29
Jacobs, Myril L.	Apr. 29
Jeffrey, Robert H.	Apr. 29
James, Frederic W.	Apr. 29
Johnson, H. Morten	Apr. 29
Jones, James D.	Apr. 29
Kerr, David Garrett	Apr. 29
Kenner, E. Paul	Apr. 29
Knowlton, Donald B.	Apr. 29
Labaw, Joseph P.	Apr. 29
Leichter, Otto G.	Apr. 29
Leonard, R. John	Apr. 29
Little, James E.	Apr. 29
Locks, Charles E.	Apr. 29
Loft, Carl H.	Apr. 29
Lynch, Leonard	Apr. 29
MacKensie, Norman	Apr. 29
MacNaughton, James	Apr. 29
Mark, William D.	Apr. 29
Maxwell, F. A. G.	Apr. 29
McAllister, D. B.	Apr. 29
McGregor, Alexander G.	Apr. 29
Mengel, Charles Ellis	Apr. 29
Mental, Charles	Apr. 29
Merryweather, Hubert	Apr. 29
Miller, Walter	Apr. 29
Miller, Walter B.	Apr. 29
Money, John H. G.	Apr. 29
Munroe, Harold S.	Apr. 29
Nichols, Arthur S.	Apr. 29
Osborn, Chase B.	Apr. 29
Palmer, Sidney L.	Apr. 29
Parke, Russell J.	Apr. 29
Patterson, Robert C.	Apr. 29
Peterson, Clarence J.	Apr. 29
Phalen, William Clifton	Apr. 29
Pierce, Robert Ansel	Apr. 29
Porter, Rudolph	Apr. 29
Reilly, Russell E.	Apr. 29
Robertson, Thomas MacDonald	Apr. 29
Robinson, Clarence W.	Apr. 29
Rose, William A.	Apr. 29
Sanford, Chard O.	Apr. 29
Scott, Walter Gifford	Apr. 29
Shankland, A. D.	Apr. 29
Simpson, Randolph	Apr. 29
Smith, E. A. Cappelen	Apr. 29
Smith, George L.	Apr. 29
Smith, Philip B.	Apr. 29
Snyder, Edward Belant	Apr. 29
Snow, Frederick Warren	Apr. 29
Stalder, Walter	Apr. 29
Stannard, Earl T.	Apr. 29
Starka, James W.	Apr. 29
Stoddard, Alfred Clark	Apr. 29
Storck, Arthur D.	Apr. 29
Stout, Harry H.	Apr. 29
Tennant, Joseph A.	Apr. 29
Thiel, Joseph M.	Apr. 29
Thomas, David R.	Apr. 29
Thomas, John E.	Apr. 29
Tweedy, Andrew Gulick	Apr. 29
Wagner, William G.	Apr. 29
Warren, Frank Merton	Apr. 29
Wilhelm, Victor H.	Apr. 29
Williams, Gordon T.	Apr. 29
Willis, Bailey	Apr. 29
Winther, Arno S.	Apr. 29
Wronsch, Charles E.	Apr. 29
Yates, Arthur Berkey	Apr. 29
Zeller, Howard Patterson	Apr. 29
O'Mahoney Bill, freight absorption	Apr. 29
Ohio, State of	Apr. 29
Open-pit practice	Apr. 29
Aug. 26, 27, Sept. 4, 24, Nov. 8, Dec. 30	
Oxygen production process lowers price to \$5 per ton	Apr. 29
P	
Pan-American Engineering Congress, 1940, meeting place	Apr. 29
Percentage depletion for mining	Apr. 29
Personality, engineering, survey of	Apr. 29

Petroleum, supply and demand	Apr. 29
Phosphate, Western, Annual Meeting discussion	Apr. 29
Phosphates, discussed at IMD meeting	Apr. 29
Pipe, centrifugal lining of	Apr. 29
Poland, coal mining rejuvenated	Apr. 29
Private enterprise	Apr. 29
Public, effect on mineral imports	Apr. 29
Public, speeches, in mining	Apr. 29
Pollution, stream, Florida phosphate activities	Apr. 29
Prices, government in	Apr. 29
no cause for panic	Apr. 29
private boom ends	Apr. 29
Production, industrial, rise expected	Apr. 29
in 1946	Apr. 29
Profits, what are?	Apr. 29
Professor, teacher or researcher?	Apr. 29
Public relations, mining industry attitude	Apr. 29
R	
Radio waves, new geophysical instrument	Apr. 29
Research Yields Profit	Apr. 29
Reserves, mineral, shortages in	Apr. 29
Resourcefulness, key to mineral supplies	Apr. 29
Resources, U. N. conference on	Apr. 29
S	
Safety, Annual Meeting discussion	Apr. 29
at Cleveland-Cliffs Iron Co.	Apr. 29
Schools, engineering, lauded by Winston Churchill	Apr. 29
mineral engineering, directory of in U. S. and Canada	Apr. 29
Scholarships, Awards, 1949	Apr. 29
established in Arizona colleges	Apr. 29
Screening, development needed	Apr. 29
Sharing our know-how	Apr. 29
Silicosis, aluminum therapy treatment	Apr. 29
Socialization, can be halted by industry	Apr. 29
South Africa, Evans' experiences there	Apr. 29
South American Union of Engineering Asso'n	Apr. 29
Stampa, U. S., honoring engineers	Apr. 29
Strikes, steel and coal	Apr. 29
Steep Rock Lake, draining, drilling	Apr. 29
Stock piling, effect on market	Apr. 29
stop, present, future	Apr. 29
Stoping, diamond-drill blasthole, evaluated	Apr. 29
Student prize paper contest winners	Apr. 29
Sulphur, pyrite, Japan's position in	Apr. 29
T	
Tariffs, agitation on	Apr. 29
effect on devaluation	Apr. 29
Taxation, Federal, Internal Revenue Code	Apr. 29
Telephone, value to mines seen early	Apr. 29
Thomas, R. W., biography	Apr. 29
Timber treating, 3-4-D might be used in	Apr. 29
Timber treatment cuts costs	Apr. 29
Tin, mining in the N.E.I.	Apr. 29
Titanium, Detinning Co. erects smelter	Apr. 29
Titanium, exploration program, Quebec	Apr. 29
the new metal	Apr. 29
Trackless mining for pitching coal seam	Apr. 29
Transportation, Minnesota range practices	Apr. 29
Travel, in Europe	Apr. 29
Trucks, body cleaning	Apr. 29
Incentives reduce accidents, malpractice	Apr. 29
shovels, use at Inspiration	Apr. 29
Tunneling methods for underground plant construction	Apr. 29
Turbine, Westinghouse 100,000-k.w.	Apr. 29
Turner, Scott, interview story	Apr. 29
U	
Underground plants, possibility of, studied	Apr. 29
Unions sign non-Communist affidavits	Apr. 29
U. N. Scientific Conference on the Conservation and Utilization of Resources	Apr. 29
report on	Apr. 29
U. S. Bureau of Mines, reorganization	Apr. 29
U. S. Geologic Survey, essential	Apr. 29
Uranium, Americans work old silver deposit for	Apr. 29
W	
Waste rock, finding market for	Apr. 29
Witwatersrand gold field, exploration program	Apr. 29
Y	
Young, H. I., biography	Apr. 29
Young, L. E., President, AIME, 1949	Apr. 29
Z	
Zachmann, K. G.: Advanced Degree Problem	Apr. 29
Zachmann, K. G.: Philatelist, Units L May 29	

	Page		Page		Page
Alcorn, I. W.: The Petroleum Industry.....	137	Gillies, D. B.: Future of Iron Resources.....	34	Peretti, E. A.: Some Variables Affecting Countercurrent Decantation.....	31
Ball, C. G.: Coal Industry.....	12	Gray, A.: Exploration Methods Evaluated.....	34	Perry, O. H.: Is Screening to Third Dimension Fully Developed?.....	17
Ball, M. W.: Human Resourcesfulness Key to Mineral Supplies.....	16	Guy, T. W., et al.: Coal Preparation.....	118	Pettinoe, C.: India Not Responsible.....	28
Balmer, G. J.: Drilling and Blasting 15-in. Blastholes at Chino.....	24	Hanawalt, J. D.: Magnesium Industry.....	86	Plank, W. B., and Martinez, Edward: More Students in Mineral Engineering Courses.....	249
Barr, A. T.: Tungsten Carbide Bits for Block-holing at Ajo.....	23	Hanson, J. W. G., and Boyard, P. G.: Aluminum Therapy Conquers Silica.....	20	Poudstone, W. N.: What Graduates Expect of the Coal Industry.....	28
Bateman, A. A.: America's Stake in World Mineral Resources.....	23	Hardy, C. F., and Finn, E. E.: Utilization of anthracite and bituminous coal.....	119	Richardson, J. K.: The Mystery of the Missing Man.....	29
Beal, Carlton: Gas Technology Committee.....	134	Head, J. L.: Appreciation of Charles E. Le N. Arnold.....	197	Robie, R. H.: Appreciation of D. B. McAllister.....	197
Beall, J. V.: Atomic Energy, Taxes, Gold, Discussed at Colo. Mining Assn. Meeting.....	37	Hearding, J. S.: Range Mechanization Progresses.....	42	Robie, R. H.: 1000 at Canadian Institute Meeting in Montreal.....	27
Beall, J. V.: Coal Mining Faces Transformation.....	27	Heinrichs, C. E.: More on Stream Pollution.....	29	Rosa, E. H.: Getting Your Money's Worth.....	1
Beall, J. V.: Mining Is Fun at New Park.....	28	Hind, Julian: Water, Lowest Cost Industrial Mineral.....	29	Sherborne, J. E.: Research Committee, petroleum.....	190
Beall, J. V.: New Ideas Rife at Cleveland-Cliffs.....	24	Hoen, A. L.: Reviewer, "Centrifugal and Axial Flow Pumps".....	41	Sisco, F. T.: Reviewer, "Bergwerk- und Probenbuchlein".....	19
Beall, J. V.: Phosphates Highlight IMD meeting.....	45	Holmes, R. J.: Reviewer, "Radioactive Measurements with Nuclear Emulsions".....	28	Smith, R. W.: Government in Your Hair.....	26
Beall, J. V.: Scott Turner—An Interview.....	29	Hopper, C.: Diamond Drills Excavate Channel.....	35	Stover, M. M.: Results of Tests on Mudcap-ping, Insert Bits, and Heavier Tools at Castile Dome.....	25
Beall, J. V.: A Visit to Colorado Mining.....	43	Houston, C. C.: Appreciation of N. C. Horwood.....	26	Straley, H. W., III: Reviewer, "Numerical Calculus".....	31
Beall, J. V., and Clarke, V. H.: Blasthole Stopping Evaluated.....	15	Isbell, W. T.: Lead Metallurgists.....	44	Strauss, S. D.: Reviewer, "The History of Basic Metals Price Control in World War II".....	21
Beall, J. V., and McGuire, L. H.: New Methods Disclosed at Mining Sessions.....	26	Jahns, R. H.: Los Angeles Fall Meeting.....	81	Sutherland, B. P., et al.: New Processes for Low-Grade Ore Concentration.....	28
Benedict, C. H.: Appreciation of James MacNaughton.....	63	Jarleson, I. B.: Reviewer "Mining Geology".....	58	Swallow, R. H.: Strip Mines.....	116
Boardman, J. L.: Health and Safety.....	73	Judson, Wilbur: Appreciation of Harold S. Munroe.....	28	Swanson, C. O., et al.: New Processes for Low-Grade Ore Concentration.....	28
Bostick, H. G.: Appreciation of Howard Drullman.....	218	Kerr, P. F.: Mineralogical Methods in Mineral Exploration.....	22	Tartarova, F. X.: Iron Ore Beneficiation.....	14
Boyard, P. G., and Hanson, J. W. G.: Aluminum Therapy Conquers Silica.....	20	Kierach, G. A.: Underground Space for American Industry.....	21	Thayer, T. P.: Reviewer, "Eruptive Rocks".....	43
Bowick, D.: Telephone Value to Mines Seen Early.....	45	Knickerbocker, H. G.: Ferroalloy Metals.....	95	Tillson, B. F.: Mining—Man's First Useful Art.....	37
Bowles, Oliver: Appreciation of William Clifton Phalen.....	65	Knight, H. A.: Metal Tariff Agitation Rides Again.....	31	Turnbull, D., and Pullman, R. L.: Physical Metallurgists.....	98
Boyd, J.: U. S. Bureau of Mines Reorganizes.....	40	Lang, W. B.: Hot Popper Process.....	44	Van den Berg, J.: N.E.I. The Mining Resumed.....	19
Bredler, R. J.: Economic Review of Oil Production.....	135	Lang, E. P.: Reviewer, "Developing Your Executive Ability".....	30	Wagner, W. H.: Percentage Depletion for Mining.....	44
Carroll, Walter: Iron and Steel Producers.....	107	Lange, E. P.: Reviewer, "Saudi Arabia".....	76	Watts, J. R.: Trucks and Shovels at Inspiration.....	29
Clarke, G. B.: Advanced Degree Problem.....	12	Leckie, J. G.: Copper Industry.....	177	Williams, Floyd: Colorado School of Mines Marks 75th Anniversary.....	43
Clarke, V. H., and Beall, J. V.: Blasthole Stopping Evaluated.....	15	Leist, B. D.: Appreciation of James S. Douglas.....	216	Wilson, C. L.: Mineral Industry Education.....	74
Collins, J. J.: Japan's Mineral Industry.....	21	Liddell, D. M.: Appreciation of Harry H. Stout.....	65	Woomer, J. W.: Bituminous Miners.....	114
Cooper, M. D.: Coal division scholarships.....	126	Lindberg, C. A.: Truck Body Cleaning.....	26	Wright, C. C.: Coal Research.....	124
Coulter, W. J.: Appreciation of Cassius I. Cook.....	217	Linney, J. R.: Magnetite Mining and Milling.....	72	Young, R. A.: Zinc Industry.....	78
Crocker, K. E.: Incentives Reduce Truck Maintenance.....	39	Livingston, H. C.: Trackless Mining Proposed for Pitching Coal Seam.....	30	Zeigler, P. P.: Aluminum Metallurgy.....	84
Dahlgreen, E. G.: Production of Oil.....	128	Lund, R. J.: Stock Piling—Past, Present, and Future.....	33	Eisbell, H. A.: Mechanization Cuts Costs.....	38
Davidson, D. M.: Mining Geology.....	55	Mahon, R. C.: Centrifugal Lining of Pipe.....	19		
Davis, J. D.: Coke Industry.....	130	Mahon, R. C.: Timber Treatment Cuts Costs.....	29		
Diamond, R. W., et al.: New Processes for Low-Grade Ore Concentration.....	28	Mahn, F. H.: Reviewer, "Examination and Valuation of Mineral Property".....	36		
Dierka, H. A.: Anthracite Industry.....	113	Marshall, K. L.: Reviewer, "El Problema del Polvo de Carbon en Las Minas".....	42		
Donahue, C. M.: Safety in coal mines.....	122	Martinez, Edward, and Plank, W. B.: More Students in Mineral Engineering Courses.....	249		
Ehrhorn, J. M.: Appreciation of Army Adams.....	64	McGuire, L. H., and Beall, J. V.: New Methods Disclosed at Mining Sessions.....	26		
Felias, J. W.: The U. N. Resources Conference.....	8	McLaughlin, D. H.: Government's Role in a National Mineral Policy.....	17		
Finch, J. K.: Recruiting for the Mining Industry.....	50	Mitchell, D. R.: AIME-ASME Joint Fuels Conference.....	44		
Finn, E. E., and Hardy, C. F.: Utilization of Anthracite and Bituminous Coal.....	119	Mitchell, Fred: AIME Meeting.....	41		
Forrester, J. D.: Comment on U. S. Smelting Issue.....	42	Morris, A. P.: Rail Haulage at Chino.....	44		
Forrester, J. D.: Graduate Study Restricted to Few Schools.....	23	Newhouse, W. H.: Reviewer, "Ore Genesis—A Metallurgical Interpretation".....	39		
French, R. W.: Oil Production Technology.....	132	Ormsby, L.: Alloy-Steel Bits Tested at Marconi.....	30		
Fulman, R. L., and Turabull, D.: Physical Metallurgists.....	98	Pehrson, E. W.: Mineral Economics.....	50		
Gardner, E. D.: Metal Mining.....	61				
Garrison, F. L.: Russia Works Old Silver Mine for Uranium.....	44				

Editorials

Advanced Degrees and the Mining Engineer.....	17
California Does Big Business in Nonmetallitics.....	16
California, Here We Come.....	12
Crusade Without Compromise.....	31
Don't Sell Your Hands with Politics.....	15
Geological Societies Form Over-all Institute.....	14
Guarding the Public Weal.....	21
Industry Contributes to Education.....	20
Last Aluminum War Plant Sold.....	14
Leaching of Low-Grade Nitrate.....	18
A Market for Waste Rock?.....	18
No Cause for Panic.....	15
Our First Issue.....	15
Politics Before Conservation.....	85
Proposal to Increase Dues.....	19
Public Relations and the Mining Industry.....	13
Research Yields Profit.....	31
Student Associate Plan.....	18
Supporting the American Way.....	19
What Does the Mining Industry Offer the Young Engineer?.....	16

229
31
17
28
249
28
20
107
27
**1
136
18
28
25
31
*21
28
110
28
14
43
37
98
19
44
29
43
74
114
124
78
84
38
17
16
13
31
15
14
21
20
14
18
18
15
13
25
13
18
31
18
19
16